

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-102752

(43)Date of publication of application : 15.04.1997

(51)Int.Cl.

H04B 1/10

H04N 5/44

(21)Application number : 07-259868

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(22)Date of filing : 06.10.1995

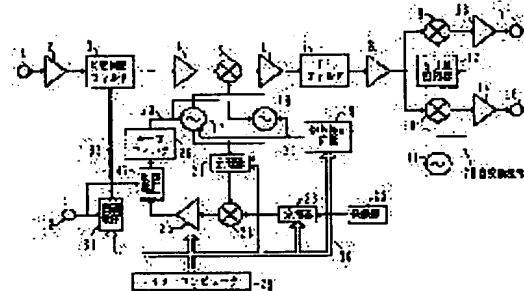
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## (54) TUNER DEVICE

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a tuner device which has the phase noise characteristic that is improved over a wide range for the oscillation signals of local oscillator circuits.

**SOLUTION:** A tuner device is provided with a local oscillator circuit 17 of a low oscillation frequency band and a local oscillator circuit 18 of a high oscillation frequency band. Then both circuits 17 and 18 are switched to each other based on a desired signal (channel selection signal), so that the oscillation sensitivity is kept almost at a low level against the control voltage regardless of the oscillation band. As a result, the almost fixed and satisfactory phase noise characteristic is secured in all oscillation bands. Furthermore, the tuning voltage of a variable tuning filter 3 is supplied independently of the control voltage of both circuits 17 and 18. As a result, the satisfactory tracking characteristic is secured for the filter 3 and both circuits 17 and 18 respectively.



## LEGAL STATUS

[Date of request for examination]

10.09.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3227358

[Date of registration]

31.08.2001

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]